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云南唇柱苣苔属一新种*

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A NEW SPECIES OF *CHIRITA* (GESNERIACEAE) FROM YUNNAN, CHINA

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Key words *Chirita*; *C. puerensis*
关键词 唇柱苣苔属；普洱唇柱苣苔

普洱唇柱苣苔 新种 图 1

Chirita puerensis Y. Y. Qian, sp. nov. (Sect. Chirita, Subsect. Chirita, Ser. Chirita)

Species affinis *C. anachoretae* Hance, sed foliorum laminis apice obtusis, bracteis ovato-rotundis vel subreniformibus, 1～1.8 cm longis, 1.2～2.7 cm latis, calycis lobo postico uno deinde ad basin partito differt.

Herba annua. Caulis 10～30 cm longus, 1～3-nodis, simplex, raro ramificans, glaber vel sparse puberulus. Folia basalia 1～2, per anthesin putrida, raro non putrida, caulina opposita; laminae tenuiter herbaceae, ovatae vel ellipticae, 1.7～14.5 cm longae, 1.2～7.5 cm latae, apice obtusae, raro acutae vel breviter acuminatae, basi obliquae, rotundatae, subcordatae vel late cuneatae, margine serratae vel duplicato-serratae, supra inter nervos laterales dense vel sparse puberulae, subtus puberulae vel glabriusculae, nervis lateralibus 4～8-jugatis, supra sparse puberulis, subtus dense vel sparse puberulis; petioli 1.5～9.5 cm longi, sparse puberuli. Cymae axillares, (2～)3～7-florae; bracteae ovato-rotundae vel subreniformes, 1～1.8 cm longae 1.2～2.7 cm latae, sparse ciliatae; pedunculi 3～8 cm longi, cum pedicellis glabri vel sparse puberuli; pedicelli 0.4～1 cm longi. Calyx albus, 1.5～2 cm longus, extra glaber, lobo postico uno deinde ad basin partito, delapso, lobis 4 ceteris triangularibus, 4～7 mm longis, apice corniculatis, cornibus recurvis sparse pilosis, haud ciliatis. Corolla alba, infundibularis, 3.5～5 cm longa, glabra, tubo 2～3.3 cm longo, ore 1～1.3 cm diam, intra postice superne 2-appendiculato (appendicibus stigma et antheras cingentibus), antice superne 2-luteo-maculato, labio postico 5～9 mm longo, labio antico 10～14 mm longo. Capsulae line-

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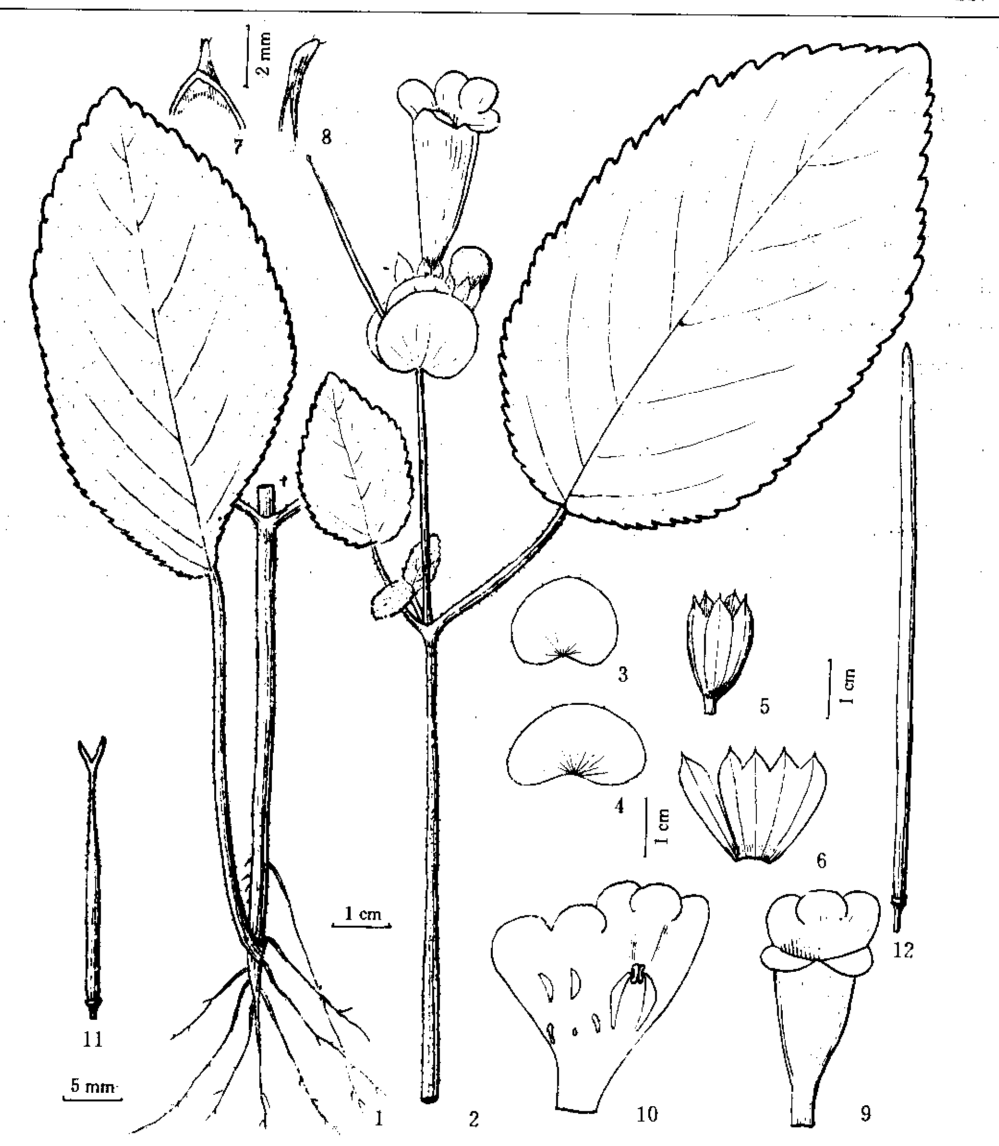


图1 普洱唇柱苣苔 1. 植株下部,示基生叶;2. 植株上部,示花序;3,4. 苞片;5. 花萼;6. 花萼展开;7. 花萼顶端,正面观;8. 花萼顶端,侧面观;9. 花冠;10. 花冠展开;11. 花盘及雌蕊;12. 花盘及蒴果。

Fig. 1 *Chirita puerensis* 1. lower part of plant, showing basal leaf; 2. upper part of plant. showing inflorescence; 3,4. bracts; 5. calyx; 6. calyx opened up; 7. apex of calyx, front view; 8. apex of calyx, lateral view; 9. corolla; 10. corolla opened up; 11. disc and pistil; 12. disc and capsule.

ares, 8～12 cm longae. Semina 0.5～0.6 mm longa.

Yunnan(云南):Puer(普洱),Tongxin(同心),alt. 1200～1400 m, in bushes on calcareous rocks, 1992-08-28, Y. Y. Qian 2635 (holotype, PE; isotypes, IBK, SMAO) 1465, 2330.

一年生草本。茎高 10～30 cm,有 1～3 节,不分枝,稀分枝,无毛或稀被微柔毛。基生叶 1～2 片,在花期腐烂,稀不腐烂,茎生叶对生;叶片薄草质,卵形或椭圆形,长 1.7～14.5 cm,宽 1.2～7.5 cm,顶端钝,稀急尖或短渐尖,基部斜,圆形,浅心形或宽楔形,边缘具锯齿或重锯齿,上面在侧脉间密被或稀被微柔毛,下面侧脉间被微柔毛或近无毛;侧脉 4～8 对,上面稀被微柔毛,下面密被或疏被微柔毛;叶柄长 1.5～9.5 cm,稀被微柔毛。聚

伞花序腋生，有(2～)3～7朵花；苞片对生，卵圆形或近肾形，长1～1.8 cm，宽1.2～2.7 cm，有疏缘毛；花序梗长3～8 cm，与花梗均无毛或稀被微柔毛；花梗长0.4～1 cm。花萼白色，长1.5～2 cm，外面无毛，上方1裂片裂至基部，易脱落，其余4裂片裂至1/3～1/4，三角形，长4～7 mm，顶端角状，角向外弯，稀被疏柔毛，无缘毛。花冠白色，漏斗形，长3.5～5 cm，无毛；筒长2～3.3 cm，口部直径1～1.3 cm，内面后方上部具2附属物(在柱头和花药两侧包围着)，前方上部具2条黄斑，上唇长5～9 mm，下唇长10～14 mm。雄蕊2，花丝着生于距花冠基部14～18 mm处，长10～12 mm，中部变宽并稍膝状弯曲，上部稀被腺毛，花药长2.9～3.2 mm，无毛。退化雄蕊3或2，侧生者长3.5～4.5 mm，被疏柔毛。花盘环状，高0.3～0.5 mm。雌蕊长2.5～3.5 cm，子房上部被微柔毛，花柱被微柔毛和腺毛，柱头长3.5～3.7 mm，2深裂。蒴果线形，长8～12 cm，粗1.5～2 mm，无毛。种子长0.5～0.6 mm。

本种与光萼唇柱苣苔 *C. anachorela* Hance 相近，但叶片顶端钝，苞片卵圆形或近肾形，长1～1.8 cm，宽1.2～2.7 cm，花萼上方1裂片深裂至基部，易于区别。